

## Amendments to the Specification

Please replace the title beginning at page 1, line 3, with the following rewritten title:

### **METHODS AND APPARATUS FOR DETERMINING MINIMUM CYCLIC PREFIX DURATION** **GENERATING AND TRANSMITTING FREQUENCY DIVISION** **MULTIPLEXED SIGNALS**

Please replace the Abstract beginning at page 43, line 1, with the following rewritten Abstract:

#### Abstract

Methods and apparatus for generating and transmitting frequency division multiplexed signals are described. Each transmitted FDM signal is generated by combining, e.g., multiplexing, a plurality of individual analog subcarrier signals together. Individual analog subcarrier signals are generated by processing one or more digital signals, e.g., symbols plus a cyclic prefix for each symbol, corresponding to the subcarrier to generate an analog subcarrier signal there from. ~~In one embodiment, digital signals for each individual subcarrier are received and processed in parallel. Each generated analog subcarrier signal is subject to amplification, e.g., power amplification, prior to being combined with the other analog subcarrier signals. Power amplified subcarrier signals are generated in parallel, or, alternatively, some of the circuitry used to generate one subcarrier signal can be used on a time shared basis to generate one or more additional subcarrier signals~~